

## ABSTRACT

A manual-operation sound and light emitting device is used in a vehicle, particularly in a bicycle. Moving a movable rod, a gear will rotate. Then steel balls resist against a cover so as to rotate the cover.

- 5 The rotation of the cover will drive a central rod and a bell body to rotate. Then a coil, a transparent light mask, and a hammer of the bell body displace to touch a block of a seat. By the elasticity of a spring, a hammer will vibrate after passing through the block so as to knock the bell body to emit sounds. A plurality of inclined grooves in the gear and the
- 10 steel balls cause the bell body to rotate unidirectionally. When the central rod rotates, a coil will be driven. A magnet will cut through positive negative electrode sheets so as to light up LED lights in the bell body.